17315

17315

UNITED STATES
ALASKA
SOUTHEAST COAST

GASTINEAU CHANNEL AND TAKU INLET

Mercator Projection
Scale 1:40,000 at Lat. 58°15'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum 1983 (NAD 83) which for charting purposes is considered equivalent to the World Geodetic System (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.19" southward and 4.390" westward to agree with this chart.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 8. Additions or revisions to Chapter 2 are published in Eve Notices to Mariners. Information concerning regulations may be obtained at the Office of the Commander, 17th Coast Guard District in Juneau, Alaska, or at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.
Refer to charted regulation section numbers.

For Symbols and Abbreviations see Chart No. 1

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 8 for important supplemental information.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

POLLUTION REPORTS
Report oil spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.
Juneau WXJ-28 162.55 MHz

NOTE C
Numerous uncharted mooring buoys are located in the northeast corner of Auke Bay.

NOTE D
MENDENHALL BAR
Due to shoaling in this area, mariners are cautioned to attempt passage only at high water with local knowledge. Between Buoy "7" and Light "14", unlighted buoys are used to mark the bar channel from March 1 to December 1.

WRECK DRAGGED AREAS
The area tinted green was swept in 1917-1923 for previously charted dangers to navigation. All dangers found are shown on this chart.

LOCAL MAGNETIC DISTURBANCES
Differences of 5° from the normal variation have been observed in Gastineau Channel in the vicinity of Latitude 58°17'N.

LOGARITHMIC SPEED SCALE
To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.
Nautical Miles
Yards

CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district in the date shown in the lower left hand corner.

SOUNDINGS IN FATHOMS

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

CONTINUED ON CHART 17320

JUNEAU HARBOR

Scale 1:10,000
North American Datum of 1983
(World Geodetic System 1984)
SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

CAUTION
Only marine radiobeacons have been established for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.
Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
(A)Accurate location (A)Approximate location

NOAA nautical charts are constructed to exacting standards designed to promote safe navigation. Since our world is in constant change, the National Ocean Service encourages submittal corrections or comments for the improvement of these charts. Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852. By working together we can make activities safer and more enjoyable.

Thomas J. Maginnis
Assistant Administrator for Ocean Services and Coastal Zone Management

best copy available

Formerly C&GS 8230, 1st Ed., July 1982

SOUNDINGS IN FATHOMS

Nautical Chart Catalog No. 3, Panel O

JUNEAU HARBOR

Scale 1:10,000
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

CAUTION

Only marine radionavigation aids have been considered for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
(DL-Unmarked location) (Approximate location)

LOCAL MAGNETIC DISTURBANCES

Differences of 5° from the normal variation have been observed in Gastineau Channel in the vicinity of Latitude 58°19'N.

NOAA nautical charts are constructed to exacting standards and are designed to promote safe navigation. Since our waterways are subject to continual change, the National Ocean Service encourages chart users to submit corrections or comments for the improvement of this product to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852. By working together, we can make our activities safer and more enjoyable.

Thomas J. Maginnis
Assistant Administrator for Ocean Services
and Coastal Zone Management

TIDAL INFORMATION

Place	Height referred to datum of soundings (MLLW)			
Name	Lat. Long.	Mean Higher High Water	Mean High Water	Mean Lower Low Water	Diurnal Range
Orsby Point	58°13'N/134°04'W	15.7	14.7	1.5	6.0
Taku Point	58°24'N/134°01'W	16.7	15.7	1.6	6.0
Juneau	58°18'N/134°25'W	16.3	15.3	1.6	6.0
Fritz Cove	58°19'N/134°39'W	15.9	15.0	1.5	6.0

(1991)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated)

AERO, aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	Gp group	N nun	Rot rotating
B black	IQ interrupted quick	OBSC obscured	s seconds
Bn beacon	tel telephone at n/g	Oc occulting	SEC sector
C can	LT HO lighthouse	Or orange	St M statute miles
Dia diaphone	lor nautical mile	Os orange	VQ very quick
E int equal interval (sec)	m minutes	R red	W white
F fixed	MORC TR microwave tower	Ra Ref radar reflector	WHIS whistle
Fl flashing	Mkr marker	R Bn radiobeacon	Y yellow

Bottom characteristics

Bldrs boulders	Co coral	Sf SFH	Oys oysters	so soft
Br broken	G gravel	S sand	Rk rock	Sh shells
Cy clay	Gn green	M mud	S sticky	

Miscellaneous

AUTH authorized	Chain obstruction	PD position doubtful	Subm submerged
(D) existence doubtful	PA position approximate	Rep reported	
⚠ Wreck, rock, obstruction, or shoal water (see n the depth indicated)			
(3) Rocks that cover and uncover, with height in feet above datum of soundings.			

COLREGS, 60.1705 (see note A)
International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the - COLREGS Demarcation Line.

NOTE B
unowing to bars at MLLW has been reported throughout the northern part of Taku Inlet. Mariners should exercise caution.

NOTE A
Vessels navigating in the vicinity of Juneau are advised to keep a sharp lookout for whales. Whales are frequently sighted in Gastineau Channel and Stephens Passage.

Mariners are requested to report whale sightings to the Coast Guard Communications Center, Juneau, Alaska.

Vessels are requested to reduce speed to 13 knots or less when whales are sighted within 1 mile of the vessel's course.

Vessels are requested to avoid approaching whales closer than 100 yards.

SAFETY ZONE
(165.1702 (see note A))

Cable Area

Anchorage

Seaplane Landing Area

Fuel

Coast Guard Pier

Aurora Basin

Auke Creek

Harris Hbr

JUNEAU

WEST JUNEAU

Gold Creek

Salmon Cr

Mt Juneau

Eagle Cr

DOUGLAS

Douglas Island

Gastineau Channel

Thane

Sandy Beach

Ready Bullion Cr

Mt Bradley

Point Louisa

Lena Point

Outer Point

Pt. Arden

Pt. Gardner

Pt. Stanley

Pt. Retreat

Middle Pt.

Point Hilda

Point Arden

Point Gardner

Point Stanley

Point Retreat

Mendenhall Glacier

Mendenhall Lake

Nugget Creek

Herbert Glacier

Herbert Lake

Cowee Creek

Cowee Meadows

Cowee Mt

Mt Roberts

Mt Juneau

Mt Bradley

Mt Troy

Mt McDonough

Mt Arden

Mt Gardner

Mt Stanley

Mt Retreat

Mt Hilda

Mt Hilda

Mt Hilda